



Department of Energy

Office of Science
Chicago Office
9800 South Cass Avenue
Argonne, Illinois 60439

JAN 26 2007

George J. Malosh
Chief Operating Officer
Office of Science
SC-3 FORS

**SUBJECT: OFFICE OF SCIENCE (SC) 2007 NATIONAL ENVIRONMENTAL
POLICY ACT (NEPA) ANNUAL PLANNING SUMMARY**

Department of Energy (DOE) Order 451.1B requires Secretarial Officers and Heads of Field Organizations to submit a NEPA Annual Planning Summary to the Office of General Counsel (GC – see enclosed reminder from David R. Hill). Annual planning summaries consist of two prescribed lists containing data on (1) the status of current environmental impact statements (EISs) and environmental assessments being prepared (environmental assessments); and (2) those projected to commence within the next twelve months.

SC-31.1 staff requested the Support Center to develop a consolidated roll-up for all of Science and provide it for Ray Orbach's transmittal to David Hill. It was developed via conference call and a number of follow-up telephone calls with the site office NEPA Compliance Officers or Coordinators – and it follows format specifications provided by the Office of NEPA Policy and Compliance (GC-20). A copy of the roll-up (two items) is enclosed as well as a suggested memorandum to David Hill. Note that we have identified only EAs – no EISs are either ongoing or forecast. The roll-up and suggested memorandum are also being provided electronically to SC Headquarters staff.

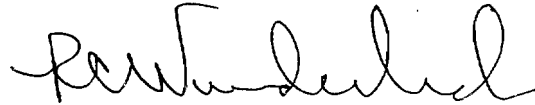
Every third year, the Order also requires Heads of Field Organizations to report whether it makes sense to prepare site-wide EISs. The following narrative captures the responses we received from our queries to the site offices: The Office of Science site offices maintain environmental baselines which are published in documents such as annual site environmental reports and in some cases, completed environmental assessments for major projects. Additionally, our site offices routinely engage in



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established public outreach initiatives regarding their programs and projects, e.g., community roundtables, community task forces, community advisory councils, etc. To prepare/maintain site-wide EISs and to engage in the associated public outreach would be largely redundant – and since we do very few EAs (and historically, only one project specific EIS), they would be an inefficient use of our resources.



Robert C. Wunderlich
Manager

Enclosures:

1. Memo, Hill to Multiple Addressees, dated December 12, 2006, Subject: Reminder Regarding Annual National Environmental Policy Act (NEPA) Planning Summaries
 2. Annual NEPA Planning Summary (two items)
 3. Prepared, unsigned and undated memorandum, Orbach to Hill, Subject: Office of Science (SC) 2007 National Environmental Policy Act (NEPA) Annual Planning Summary
- cc: S. Goel, SC-31.1/GTN, w/encls 1 and 2
L. Jessee, GC-20/FORS, w/encls 1 and 2
M. Triassi, AMSO, w/encls 1 and 2
C. Zook, ASO, w/encls 1 and 2
M. Holland, BHSO, w/encls 1 and 2
A. Richards, BSO, SSO, w/encls 1 and 2
J. Livengood, FSO, w/encls 1 and 2
J. Neuhoﬀ, NBL, w/encls 1 and 2
G. Boyd, OR, w/encls 1 and 2
J. Erickson, PNSO, w/encls 1 and 2
J. Faul, PSO, w/encls 1 and 2
J. Turi, TJSO, w/encls 1 and 2

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Assessments

Office of Science
January-07

Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones*)		Description
Ames Site Office -- None				
Argonne Site Office -- None				
Berkeley Site Office				
Demolition of Building 51 and the Bevatron at Lawrence Berkeley National Laboratory (DOE/EA-1541)	\$50,000	Determination Date:	2/16/06	The Bevatron, which went out of service in 1993, is an approximately 180-foot-diameter particle accelerator. Building 51 is an approximately 126,500-gross-square-foot shed-like structure built to shelter the Bevatron apparatus and its associated mechanical, electrical, shop and office functions. It does not meet current building codes. The "deconstruction" project is on hold pending resolution of funding/scoping issues, hence, both DOE NEPA and State NEPA-like requirements are indefinitely on hold. A draft of the State Environmental Impact Report was completed in October 2005 -- no draft of the Federal EA has been prepared. The Berkeley Site Office will develop a new NEPA schedule when project information becomes available.
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
		Distribution Date:	TBD	
Brookhaven Site Office -- None				
Chicago Office -- None				
Fermi Site Office				
NuMI Off-axis v Appearance Experiment (NOvA) (DOE/EA-1570)	\$200,000	Determination Date:	7/11/06	NOvA is intended to measure electron neutrino appearance in a 20,000 metric ton Far Detector that will be located about 810 km from Fermilab (in Northern Minnesota near International Falls) and 12 km off the central axis of the existing NuMI project beamline. The origin of the neutrinos is Fermilab. A sole source award for the MN construction is being considered. An internal draft EA addressing the Fermilab portion has already been developed. Projected milestones reflect associated uncertainty. Cost includes both Federal NEPA and State NEPA-like requirements.
		Transmittal to State:	6/30/07	
		EA Approval:	9/30/07	
		FONSI:	9/30/07	
		Distribution Date:	9/30/07	
Headquarters				
Very Energetic Radiation Imaging Telescope Array System (VERITAS) Southern Arizona (DOE/EA 1543)	\$75,000	Determination Date:	5/31/05	VERITAS is a new telescope array planned for Kitt Peak National Observatory, west of Tucson on an area leased to the Federal Government by the Tohono O'odham Nation (TON). DOE is cooperating with the National Science Foundation (the lease holder) and Bureau of Indian Affairs on the NEPA process. Consultations under Section 106 of the National Historic Preservation Act have been protracted. The TON has firmly communicated to NSF and DOE it will not engage in negotiations to allow construction, even with mitigation, and operations on the Kitt Peak lease area. DOE and NSF counsels have consulted with DoJ concerning formal termination of consultations, and a memorandum to that effect was sent to the Advisory Council on Historic Preservation (ACHP) on December 20, 2006, with a copy to the TON. ACHP has 45 days to comment. A determination by the Secretary of Energy will conclude the process for DOE after which the Environmental Assessment could be finalized and the project proceed.
		Transmittal to State:	11/14/05	
		EA Approval:	3/31/07	
		FONSI:	3/31/07	
		Distribution Date:	3/31/07	

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Assessments

Office of Science
January-07

Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones*)	Description
New Brunswick Laboratory -- None			
Oak Ridge Office			
U.S. Department of Energy Conveyance of Parcel ED-6 to the City of Oak Ridge, TN (DOE/EA-1514)	\$115,000	Determination Date:	11/4/04
		Transmittal to State:	8/11/05
		EA Approval:	TBD
		FONSI:	TBD
		Distribution Date:	TBD
Proposed Conveyance of the American Museum of Science & Energy, Parcel G & Parcel 279.01 (DOE/EA 1415)	\$62,000	Determination Date:	10/23/01
		Transmittal to State:	1/18/02
		EA Approval:	2/28/07
		FONSI:	2/28/07
		Distribution Date:	2/28/07
Lease of Parcel ED-3 of the Oak Ridge Reservation to the Community Reuse Organization of East Tennessee (DOE/EA-1316); Oak Ridge, TN	\$90,000	Determination Date:	5/1/99
		Transmittal to State:	2/1/00
		EA Approval:	TBD
		FONSI:	TBD
		Distribution Date:	TBD
Transfer of Land and Facilities for the Establishment of the Innovation Valley Science and Technology Park at ORNL (DOE/EA-1575)	\$60,000	Determination Date:	8/17/06
		Transmittal to State:	2/28/07
		EA Approval:	4/30/07
		FONSI:	4/30/07
		Distribution Date:	4/30/07

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Assessments

Office of Science
January-07

Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones*)		Description
Pacific Northwest Site Office -- None				
Princeton -- None				
Stanford Site Office -- None				
Thomas Jefferson Site Office				
Proposed Upgrade and Operation of the CEBAF and FEL Accelerators and Construction and use of Buildings Associated with the 2004 Ten Year Site Plan (DOE/EA-1534)		Determination Date:	4/26/05	Analyzes proposed upgrade and operation of the Continuous Electron Beam Accelerator Facility (CEBAF) and Free Electron Laser (FEL) Accelerators and the construction and use of buildings associated with the 2005 Ten Year Site Plan. Beam energy range of the CEBAF Accelerator will be raised from a maximum energy of 8.0 GeV to 12.0 and 16.0 GeV and up-grade the FEL to provide between 100 kW and 190 kW.
		Transmittal to State:	8/1/06	
		EA Approval:	2/10/07	
		FONSI:	2/10/07	
		Distribution Date:	2/10/07	
	\$100,000			
Total	\$752,000			
* Projected Milestones in red and italicized. Milestones in black and not italicized have been met as of indicated date.				

Annual NEPA Planning Summary Environmental Assessments Expected to be Prepared in the Next 12 Months

Office of Science
January-07

Title, Location		Estimated Cost	Estimated Schedule (NEPA Milestones)	Description
Ames Site Office -- None				
Argonne Site Office -- None				
Building 301 Decontamination and Demolition Project; Location: Argonne, IL			Determination Date: 2/28/07	This project will include the decontamination and demolition of the building interior of the building, including hotcells, will be decontaminated to a predetermined radiological level needed to ensure a safe demolition of the building.
			Transmittal to State: 3/31/07	
			EA Approval: 4/30/07	
			FONSI: 4/30/07	
			Distribution Date: 4/30/07	
		\$38,000		
Berkeley Site Office -- None				
Brookhaven Site Office -- None				
Chicago Office -- None				
Fermi Site Office -- None				
Headquarters (SC) -- None				
New Brunswick Laboratory -- None				
Oak Ridge Office -- None				
Pacific Northwest Site Office -- None				
Princeton -- None				
Stanford Site Office -- None				
Thomas Jefferson Site Office -- None				
Total		\$38,000		